

CLAIMS

What is claimed is:

1 1. A wireless mobile phone comprising:
2 telephony means for wirelessly sending and receiving telephony signals;
3 audio means for generating non-telephony audio signals;
4 an input-output interface to facilitate removable attachment of a first headset
5 to said wireless mobile phone, and output of telephony audio signals to said first
6 headset, and/or input of audio signals to said wireless mobile phone;
7 an output interface to facilitate removable attachment of a second headset to
8 said wireless mobile phone, and output of at least a selected one of telephony and
9 non-telephony audio signals for said first headset; and
10 audio signal paths to couple said input-output interface and said output
11 interface to said telephony means and said audio means in a manner, to allow said
12 input-output interface to be singularly employed for said first headset, said output
13 interface to be singularly employed for said second headset, and said input-output
14 and output interfaces to be jointly employed for said first and second headsets
15 where said first and second headsets being the same headset.

1 2. The wireless mobile phone of claim 1, wherein telephony means comprises a
2 wireless telephony signal transceiver.

1 3. The wireless mobile phone of claim 1, wherein said audio means comprises
2 radio means for receiving and rendering radio programming.

1 4. The wireless mobile phone of claim 1, wherein said audio means comprises a
2 digital audio player.

1 5. The wireless mobile phone of claim 4, wherein said digital audio player
2 comprises a MP3 player.

1 6. The wireless mobile phone of claim 1, wherein said input-output interface
2 comprises an input-output port designed to accept a 2.5 mm input-output plug.

1 7. The wireless mobile phone of claim 1, wherein said output interface
2 comprises an output port designed to accept an 1/8 inch audio plug.

1 8. The wireless mobile phone of claim 1, wherein said first headset is a
2 telephony headset comprising a microphone and at least one earpiece receiver.

1 9. The wireless mobile phone of claim 1, wherein said second headset is an
2 audio output only headset.

1 10. The wireless mobile phone of claim 1, wherein said first and second headsets
2 the same headset, and said same headset comprises two complementary plugs to
3 mate with said output interface and said input-output interface.

1 11. The wireless mobile phone of claim 1, wherein said wireless mobile phone is
2 of a digital type.

1 12. A wireless mobile phone headset comprises
2 a first earpiece receiver;
3 a microphone; and
4 a connector coupled to said first earpiece receiver and said microphone,
5 including two plugs to facilitate removable attachment of the wireless mobile phone
6 headset to a wireless mobile phone via two corresponding complementary
7 interfaces of the wireless mobile phone, and transfer of at least a selected one of
8 telephony and non-telephony audio signals from said wireless mobile phone to said
9 first earpiece receive, as well as transfer of audio inputs from said microphone to
10 said wireless mobile phone.

1 13. The wireless mobile phone headset of claim 12, wherein the wireless mobile
2 phone headset further comprises a second earpiece receiver, and said connector is
3 further coupled to said second earpiece to facilitate transfer of at least a selected
4 one of said telephony and non-telephony audio signals to said second earpiece
5 receiver.

1 14. The wireless mobile phone headset of claim 12, wherein a first of said two
2 plugs is an 1/8 inch audio plug.

1 15. The wireless mobile phone headset of claim 12, wherein a first of said two
2 plugs is a 3-pin plug.

1 16. The wireless mobile phone headset of claim 12, wherein a first of said two
2 plugs is a 2.5 mm input-output plug.

1 17. The wireless mobile phone headset of claim 12, wherein a first of said two
2 plugs is a 4-pin plug.

1 18. The wireless mobile phone headset of claim 17, wherein said 4-pin plug
2 comprises two input pins, and neither of said input pins are coupled to said first
3 earpiece receiver.

1 19. The wireless mobile phone headset of claim 12, wherein said microphone
2 further comprises a send/end button.
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continued